

# Comparisons of Job Characteristics

**Focus Occupation:** [Audiologists \(29-1121\)](#)

**Associated Occupation:** [Speech-Language Pathologists \(29-1127\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 80

**Focus Occupation:** Audiologists (29-1121)

**Associated Occupation:** Speech-Language Pathologists (29-1127)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
English Language	11.2	23.4	15.1	<< Extensive education and/or training may be required
Education and Training	9.2	19.2	11.0	<< Extensive education and/or training may be required
Therapy and Counseling	3.8	19.1	14.8	<< Extensive education and/or training may be required
Customer and Personal Service	11.3	17.5	18.6	0 Current knowledge level may be sufficient
Psychology	6.4	16.6	13.7	< Expanded education and/or training may be required
Clerical	7.3	13.7	11.2	< Expanded education and/or training may be required
Sociology and Anthropology	4.1	11.8	7.5	<< Extensive education and/or training may be required
Medicine and Dentistry	3.7	10.3	13.2	>> Current knowledge level is likely more than sufficient
Foreign Language	2.7	7.7	3.5	<< Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 91

**Focus Occupation:** Audiologists (29-1121)

**Associated Occupation:** Speech-Language Pathologists (29-1127)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Social Perceptiveness	9.1	14.5	11.9	< A higher skill level may be required

Monitoring	9.9	13.9	11.9	<	A higher skill level may be required
Learning Strategies	7.2	12.6	10.8	<	A higher skill level may be required
Active Learning	8.7	12.4	13.3	0	Current skill level may be sufficient
Instructing	7.8	11.6	10.1	<	A higher skill level may be required
Service Orientation	7.9	11.4	10.7	0	Current skill level may be sufficient
Systems Analysis	6.5	10.5	9.0	<	A higher skill level may be required
Science	4.5	9.8	9.7	0	Current skill level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 91			
Focus Occupation: Audiologists (29-1121) Associated Occupation: Speech-Language Pathologists (29-1127)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Speech Recognition	9.9	18.8	13.8	<<	Extensive improvement in abilities may be required
Oral Comprehension	12.5	15.9	15.9	0	Current ability level may be sufficient
Speech Clarity	10.2	15.7	13.6	<	Some improvement in abilities may be required
Deductive Reasoning	10.6	14.5	14.5	0	Current ability level may be sufficient
Inductive Reasoning	10.2	13.9	15.7	>	Current ability level is likely sufficient
Hearing Sensitivity	5.6	13.2	11.0	<	Some improvement in abilities may be required
Fluency of Ideas	7.6	12.8	9.1	<<	Extensive improvement in abilities may be required
Originality	7.6	12.0	9.4	<	Some improvement in abilities may be required
Flexibility of Closure	7.8	11.0	10.1	0	Current ability level may be sufficient
Speed of Closure	5.9	8.7	7.9	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 100
Focus Occupation: Audiologists (29-1121) Associated Occupation: Speech-Language Pathologists (29-1127)		
Work Activities	Exclusivity of Activity	
Advise other staff on speech or hearing topics	99	
Analyze medical data	57	
Analyze patient activity	73	
Analyze speech or hearing data	99	

Collect clinical data	56
Communicate technical information	4
Conduct patient assessments	69
Document medical prognosis	77
Identify needs of communication-impaired persons	95
Make decisions	24
Make presentations on health or medical issues	50
Observe patient condition	48
Obtain information from clients, customers, or patients	40
Prepare patient reports	66
Recommend treatments for speech or hearing problems	99
Treat medical condition of patient	75
Use counseling techniques	60
Use interpersonal communication techniques	10
Use knowledge of medical terminology	40
Use medical diagnostic techniques	71
Use research methodology procedures in health care	63

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: 79

**Focus Occupation: Audiologists (29-1121)**  
**Associated Occupation: Speech-Language Pathologists (29-1127)**

Tools and Technologies	Exclusivity
Cameras	2
Communication aids for the physically challenged	29
Computers	1
Content authoring and editing software	1
Diagnostic assessment and exam products for general use	21
Hearing testing products	31
Indicating and recording instruments	2
Industry specific software	1
Information exchange software	1
Sound generating and measuring equipment	19

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.